

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Rd, Aztec, NM 87401
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

RECEIVED

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

JAN 29 2010

HOBBSOCD

WELL API NO.	39047
30-025-39047	
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-1429
7. Lease Name or Unit Agreement Name	State Sec. 12
8. Well number	1
9. OGRID Number	258350
10. Pool name or Wildcat	Lovington GB/SA (40580)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Vanguard Permain LLC

3. Address of Operator
1209 South Main Lovington, NM

4. Well Location
Unit Letter E : 1650 feet from the North line and 330 feet from the West line
Section 12 Township 17-S Range 36-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3825'

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water N/A

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume bbls; Construction Material STEEL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Tag existing CIBP @ 5745' spot 25sxs cmt @ 5745' - *DO CIBP @ 5745' - RTH w/ New CIBP set @ 6170*
Spot 25 sxs cmt @ 4671' WOC tag
Spot 25 sxs cmt @ 2072' WOC tag
Spot 25sxs cmt @ 1350'
Spot 25sxs cmt @ 450' WOC tag
Spot 10sxs cmt from 60' to surface
Install Dry Hole Marker
CAP w/ 25sxs cmt - GORE MLF between plugs

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE P&A Supervisor DATE 1/26/10

Type or print name
For State Use Only [Signature] TITLE UC FIELD REPRESENTATIVE / STAFF MANAGER

APPROVED BY: [Signature] DATE 2-1-10
Conditions of Approval (if any):

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS

After

STATE SEC 12 #1

API: 30-025-39047

Lovington Field, NM

Sec 12 Twp 17S Rge 36E

1650' FWL and 330' FWL

10 SX5 CMT
60' TO 3'

25 SX5 CMT
450' TO 550'
WOC + TAG
25 SX5 CMT
1350' TO 1750'

25 SX5 CMT
2042' TO 1912'
WOC + TAG
25 SX5 CMT
4671' TO 4571'
WOC + TAG

X 25 SX5 CMT
5745' TO 5645'
CIBP 5745'

26" hole size
✓ 14" CSG @ 40' cement circulated

✓ 11" hole size
8 5/8" CSG @ 2,022' 9.45 SX5

Sam Andres:

Squeezed: 4,671-76', 4,836-53', 4,864-73',
5,000-03', 5,011-20', 5,028-37',
5,050-55', 5,068-70', 5,073-83',
5,117-19', 5,123-30', 5,134-43',
5,162-64', 5,171-73', 5,182-85'

Open: 5,431-36'

Total: 198 holes, 2 spf, 0.41"

X CIBP 5745' DO CIBP - RIH w/ New CIBP & set @ 6170'
CAP w/ 25 SX CMT -

Padlock: 6,270-88', 6,342-48' 92 holes, 2 spf, 0.41"

✓ 7 7/8" hole size

✓ 5 1/2" CSG @ 6,457' 4,425 SX5

TD = 6,465'

PBTD = 6,457'

Before

STATE SEC 12 #1
API: 30-025-39047

Lovington Field, NM
Sec. 12 Twp 17S Rgc 36E
1650' FNL and 330' FWL

26" hole size ✓
14" CSG @ 40' Cement circulated

11" hole size ✓
8 5/8" CSG @ 2,022' 9.45 SXS

San Andres:

Squeezed: 4,671-76', 4,836-53', 4,864-73',
5,000-03', 5,011-20', 5,028-37',
5,050-55', 5,068-70', 5,073-83',
5,117-19', 5,123-30', 5,134-43',
5,162-64', 5,171-73', 5,182-85'

Open: 5,431-36'

Total: 198 holes, 2 spt, 0.41"

CBP 5,745'

Paddock: 6,270-88', 6,342-48' 92 holes, 2 spt, 0.41"

7 7/8" hole size ✓

5 1/2" CSG @ 6,457' 1,425 SXS

TD = 6,465'
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State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address VANGUARD PERMIAN, LLC. 1209 SOUTH MAIN LOVINGTON, NEW MEXICO 88260		² OGRID Number 258350
		³ API Number 30 - 025-39047
⁴ Property Code 37268	⁵ Property Name STATE SEC. 12	⁶ Well No 1
⁹ Proposed Pool 1 LOVINGTON-PADDOCK (40660) ✓		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	17S	36E		131650'	NORTH	330'	WEST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3825'
¹⁶ Multiple NO	¹⁷ Proposed Depth 6450'	¹⁸ Formation PADDOCK	¹⁹ Contractor	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48#	500'	350 Sx.	Surface
11"	8 5/8"	32#	4500'	1015 Sx.	Surface
7 7/8"	4 1/2"	11.6#	6450'	850 Sx.	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone
Describe the blowout prevention program, if any Use additional sheets if necessary

RECEIVED

SEE ATTACHED SHEET

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

HOBBS OIL

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature: Joe T. Janica		Approved by: Chris Williams	
Printed name Joe T. Janica		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
Title Permit Eng.		Approval Date: JUL 24 2008	Expiration Date
E-mail Address joejanica@valornet.com			
Date 07/21/08	Phone: 575-391-8503	Conditions of Approval Attached ☐	

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 150 Sx. of 35/65 Class "C" POZ, + 5% Salt, + 10% Bentonite, +5# Gilsonite/Sx., + .125 Ployflakes/Sx. Yield 1.94, tail in with 200 Sx. of Class "C" cement + 2% CaCl, Yield 1.34. Circulate cement to surface.
3. Drill 11" hole to 4500'. Run and set 4500' of 8 5/8" 32# J-55 ST&C casing. Cement with 815 Sx. of 50/50 Class "C" POZ, + 5% Sxlt, + 10% Bentonite, + %# Gilsonite/Sx., + .125# Polyflakes/Sx., + .2% Antifoamer, Yield 2.47. Tail in with 200 Sx. of Class "C" cement + .1% retarder. Yield 1.32, circulate cement to surface.
4. Drill 7 7/8" hole to 6450'. Run and set 6450' of 4½" 11.6# J-55 LT&C casing. Cement with 400 Sx. of 50/50 Class "H" POZ cement, + 5% Salt, + 10% Bentonite, + .2% Dispersant, + .2% Uniflac, + .25% Retarder, + .2% Antifoamer, Yield 2.47. Tail in with 450 Sx. of TXI Light weight cement + 1% Salt, + .3% Uniflac, + .1% dispersant, + .3% Retarder, Yield 1.4, circulate cement to surface.